

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	(convert\$3 or chang\$3 or transform\$5) near7 (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near7 ((low\$2 adj3 bit) adj5 depth\$1) with (( high\$3 adj3 bit\$1) adj5 depth\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L2	27	(pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) with ((low\$2 adj3 bit) adj5 depth\$1) with (( high\$3 adj3 bit\$1) adj5 depth\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L3	61	(pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) same((low\$2 adj3 bit) adj5 depth\$1) same (( high\$3 adj3 bit\$1) adj5 depth\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L4	3	(convert\$3 or chang\$3 or transform\$5) near7 (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near7 ((low\$2 adj3 bit) adj5 depth\$1)near7 (( high\$3 adj3 bit\$1) adj5 depth\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L5	3	"20040184768"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L6	3	"20040184766"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L7	7	("20020030652"   "20020180764"   "5539430"   "6580870"   "6993199").PN. OR ("7466904").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/19 11:24

## EAST Search History (Prior Art)

L8	12050	(pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near5 (saturat\$3 or max or min)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L9	15	(pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near7 ((low\$2 adj3 bit) adj5 depth\$1)near7 (( high\$3 adj3 bit\$1) adj5 depth\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L10	27	(pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) with((low\$2 adj3 bit) adj5 depth\$1)with (( high\$3 adj3 bit\$1) adj5 depth\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L11	550	L8 same (Saturation near5 threshold\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L12	474	(Adjust\$3 or control\$3 or regulat\$3 or set\$3 adj3 up\$3) near7 (color\$2 or colour\$4 or RGB\$2 or chroma\$6 or grey\$3 or gray\$3 or black\$3 or whit\$3) near7 (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near7 (saturat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L13	11	L11 same L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L14	7	("4812902"   "5966222"   "6088469"   "6125145"   "6453055"   "7092122"   "7215366").PN. OR ("7286702").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/19 11:24
L15	12050	(pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near5 (saturat\$3 or max or min)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24

## EAST Search History (Prior Art)

L16	550	L15 same (Saturation near5 threshold\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L17	474	(Adjust\$3 or control\$3 or regulat\$3 or set\$3 adj3 up\$3) near7 (color\$2 or colour\$4 or RGB\$2 or chroma\$6 or grey\$3 or gray\$3 or black\$3 or whit\$3) near7 (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near7 (saturat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L18	28	L16 and L17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L21	4	L17 and parabola\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L22	4	(detect\$3 or identify\$3) near5 (boundar\$3 or border\$1 or edge\$1 or counter\$1) near5 (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near5 saturat\$3 near5 (region\$1 or area\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L23	6	(detect\$3 or identify\$3) near7 (boundar\$3 or border\$1 or edge\$1 or counter\$1) near7 (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near7 saturat\$3 near7 (region\$1 or area\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L24	2	(Detect\$3 or identify\$3 or determine\$3 or find\$3 or calculate\$3) with ((start\$3 with end\$3) with (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1 or (image\$1 adj2 element\$1))) with ((boundar\$3 or border\$1 or edge\$1) near5 saturat\$3 near5 (region\$1 or area\$1 or zone\$1 or section\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24

## EAST Search History (Prior Art)

L25	2	(Detect\$3 or identify\$3 or determine\$3 or find\$3 or calculate\$3) same ((start\$3 with end\$3) same (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1 or (image\$1 adj2 element\$1)) same ((boundar\$3 or border\$1 or edge\$1) near5 saturat\$3 near5 (region\$1 or area\$1 or zone\$1 or section\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L26	597	(Detect\$3 or identify\$3 or determine\$3 or find\$3 or calculate\$3) with (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1 or (image\$1 adj2 element\$1)) with (saturat\$3 near5 (region\$1 or area\$1 or zone\$1 or section\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L27	21	L26 same ((boundar\$3 or border\$1 or edge\$1) near5 saturat\$3 near5 (region\$1 or area\$1 or zone\$1 or section\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L28	839	((boundar\$3 or border\$1 or edge\$1) near5 saturat\$3 near5 (region\$1 or area\$1 or zone\$1 or section\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L29	102	L28 same (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L30	59	L28 with (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L31	2	"7286702".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24

## EAST Search History (Prior Art)

L33	27	(Detect\$3 or identify\$3 or determine\$3 or find\$3 or calculate\$3) with ((boundar\$3 or border\$1) with saturat\$3 with (region\$1 or area\$1 or zone\$1 or section\$1)) with ((pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1 or (image\$1 adj2 element\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L34	462	((boundar\$3 or border\$1 or edge\$1) near3 saturat\$3 near3 (region\$1 or area\$1 or zone\$1 or section\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L35	2	L34 and parabola\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L36	32	L26 and L34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L37	34	("2004/0184670").URPN.	USPAT	OR	OFF	2011/07/19 11:24
L39	1	11/831521.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L40	2	"6038576".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L41	175	(WHITEHEAD NEAR3 LORNE).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24

## EAST Search History (Prior Art)

L42	4	L41 AND ((pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near5 (saturat\$3 or max or min))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L43	88	(SEETZEN NEAR3 HELGE).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L44	7	L43 AND ((pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near5 (saturat\$3 or max or min))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L45	4	(WARD NEAR3 GREGORY NEAR3 JOHN) AND ((pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near5 (saturat\$3 or max or min))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L46	1	10/599955.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L47	15	(Two or dual or orthogonal) near3 (scan\$4) near3 (color or bit) near3 depth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L48	35	(Two or dual or orthogonal) near5 (scan\$4) near5 Saturat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24

## EAST Search History (Prior Art)

L49	9	(orthogonal or different or perpendicular) near3 (scan\$4) near3 saturat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L50	9	(orthogonal or different or perpendicular or (horizontal near3 vertical)) near3 (scan\$4) near3 saturat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L51	3	(horizontal near3 vertical) near5 (scan\$4) near5 saturat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L52	13	(horizontal near3 vertical) near5 (scan\$4) with saturat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L53	117	(horizontal with vertical) with (scan\$4) with saturat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L54	3	L53 and ((color or bit) near3 depth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L55	7	L53 same (saturat\$3 near3 (region\$1 or area\$1 or zone\$1 or section\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L56	4007	(382/167,162,163,166).ccls.	USPAT	OR	OFF	2011/07/19 11:24

## EAST Search History (Prior Art)

L57	379	L56 and ((pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1) near5 (saturat\$3 or max or min))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L58	116	L57 and ((Adjust\$3 or control\$3 or regulat\$3 or set\$3 adj3 up\$3) near7 (color\$2 or colour\$4 or RGB\$2 or chroma\$6 or grey\$3 or gray\$3 or black\$3 or whit\$3) near7 (pixel\$1 or pixcel\$1 or picel\$1 or pel\$1 or voxel\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24
L59	9	L58 and ((boundar\$3 or border\$1 or edge\$1) near5 saturat\$3 near5 (region\$1 or area\$1 or zone\$1 or section\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/19 11:24